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OCT 31 2005

# Fax

<b>To:</b> Examiner Sin J. Lee Art Unit: 1752	<b>From:</b> Leslie S. Szivos
<b>Fax:</b> 571-273-8300	<b>Pages:</b> 11 pages including fax cover sheet
<b>Phone:</b>	<b>Date:</b> 10/28/2005
<b>Re:</b> U.S. Patent Appln. No. 10/679,782 Docket: FIS920030196US1 (16715) Confirmation No. 3728	<b>CC:</b>

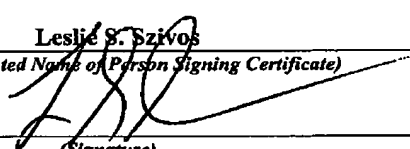
## RESPONSE TO OFFICE ACTION

Please see the following documents:

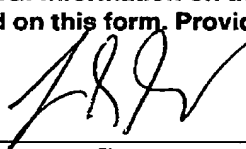
1. Amendment Transmittal (in duplicate)
2. Authorization to charge IBM deposit account
3. Response under 37 C.F.R. § 1.111
4. Certificate of transmission by facsimile dated October 31, 2005

If you have any questions concerning this facsimile please contact Vivian Henriquez at 516-742-4343.  
Thank you.

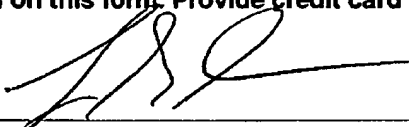
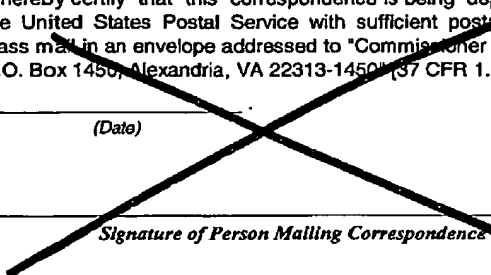
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<b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b> Applicant(s): Marie Angelopoulos, et al.			Docket No. <b>FIS920030196US1 (16715)</b>	
Application No. <b>10/679,782</b>	Filing Date <b>October 6, 2003</b>	Examiner <b>Sin J. Lee</b>	Group Art Unit <b>1752</b>	
Invention: <b>SILICON-CONTAINING COMPOSITIONS FOR SPIN-ON ARC/HARDMASK MATERIALS</b>				
<p>I hereby certify that this <u><b>RESPONSE UNDER 37 C.F.R. § 1.111</b></u> (Identify type of correspondence) is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u><b>703-872-9306</b></u>) on <u><b>October 31, 2005</b></u> (Date)</p> <p style="text-align: center;"><u><b>Leslie S. Szivos</b></u> (Typed or Printed Name of Person Signing Certificate)  (Signature)</p> <p style="text-align: center;"><b>Note: Each paper must have its own certificate of mailing.</b></p>				

P18/REV02

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>					Docket No. <b>FIS920030196US1 (16715)</b>									
Applicant(s): <b>Marie Angelopoulos et al.</b>														
Application No. <b>10/679,782</b>	Filing Date <b>October 6, 2003</b>	Examiner <b>Sin J. Lee</b>	Customer No. <b>23389</b>	Group Art Unit <b>1752</b>	Confirmation No. <b>3728</b>									
Invention: <b>SILICON-CONTAINING COMPOSITIONS FOR SPIN-ON ARC/HARDMASK MATERIALS</b>														
<b>COMMISSIONER FOR PATENTS:</b>														
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.														
<b>CLAIMS AS AMENDED</b>														
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE									
TOTAL CLAIMS	14 -	29 =	0	x \$50.00	\$0.00									
INDEP. CLAIMS	3 -	3 =	0	x \$200.00	\$0.00									
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00									
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>									
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>09-0458/IBM</b> <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.														
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>														
 _____ <i>Signature</i>			Dated: <b>October 31, 2005</b>											
<b>Leslie S. Szivos, Ph.D.</b> <b>Registration No. 39,394</b> <b>SCULLY, SCOTT, MURPHY &amp; PRESSER</b> <b>400 Garden City Plaza - Suite 300</b> <b>Garden City, New York 11530</b>			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____</td> </tr> <tr> <td style="text-align: center;">(Date)</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: center;">_____ <i>Signature of Person Mailing Correspondence</i></td> </tr> <tr> <td colspan="2" style="text-align: center;">_____ <i>Typed or Printed Name of Person Mailing Correspondence</i></td> </tr> </table>				I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____		(Date)		_____ <i>Signature of Person Mailing Correspondence</i>		_____ <i>Typed or Printed Name of Person Mailing Correspondence</i>	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____														
(Date)														
_____ <i>Signature of Person Mailing Correspondence</i>														
_____ <i>Typed or Printed Name of Person Mailing Correspondence</i>														
CC:														

P11LARGE/REV09

AMENDMENT TRANSMITTAL LETTER (Large Entity)					Docket No.	
Applicant(s): Marie Angelopoulos et al.					FIS920030196US1 (16715)	
Application No. 10/679,782	Filing Date October 6, 2003	Examiner Sin J. Lee	Customer No. 23389	Group Art Unit 1752	Confirmation No. 3728	
Invention: <b>SILICON-CONTAINING COMPOSITIONS FOR SPIN-ON ARC/HARDMASK MATERIALS</b>						
<b>COMMISSIONER FOR PATENTS:</b>						
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.						
<b>CLAIMS AS AMENDED</b>						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	14 -	29 =	0	x \$50.00	\$0.00	
INDEP. CLAIMS	3 -	3 =	0	x \$200.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>	
<div style="display: flex; flex-direction: row;"><div style="flex: 1;"><p><input checked="" type="checkbox"/> No additional fee is required for amendment.</p><p><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____</p><p><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.</p><p><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>09-0458/IBM</b></p><p style="margin-left: 20px;"><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.</p><p style="margin-left: 20px;"><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.</p><p><input type="checkbox"/> Payment by credit card. Form PTO-2038.</p><p><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b></p><div style="text-align: center; margin-top: 20px;"> _____ Signature</div></div><div style="flex: 0.5; text-align: right; padding-right: 10px;">Dated: <b>October 31, 2005</b></div></div>						
<div style="display: flex; justify-content: space-between;"><div style="width: 45%; border: 1px solid black; padding: 5px;"><b>Leslie S. Szivos, Ph.D.</b> Registration No. 39,394 <b>SCULLY, SCOTT, MURPHY &amp; PRESSER</b> 400 Garden City Plaza - Suite 300 Garden City, New York 11530</div><div style="width: 50%; border: 1px solid black; padding: 5px;"><div style="border-bottom: 1px solid black; margin-bottom: 5px;">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on</div><div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;">(Date)</div><div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;"></div><div style="border-bottom: 1px solid black; text-align: center;">Typed or Printed Name of Person Mailing Correspondence</div></div></div>						
CC:						

P11LARGE/REV09

OCT 31 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****Applicant(s):** Marie Angelopoulos et al.**Examiner:** Sin J. Lee**Serial No:** 10/679,782**Art Unit:** 1752**Filed:** October 6, 2003**Docket:** FIS920030196US1 (16715)**For:** SILICON-CONTAINING  
COMPOSITIONS FOR SPIN-ON  
ARC/HARDMASK MATERIALS**Dated:** October 31, 2005**Confirmation No:** 3728Mailstop Amendments  
Commissioner for Patents  
United States Patent Office  
Alexandria, VA 22313-1450**RESPONSE UNDER 37 C.F.R. § 1.111**

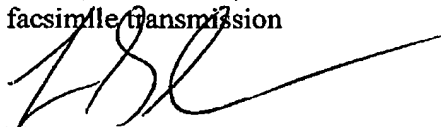
Sir:

In response to the Office Action dated September 30, 2005, applicants submit the following amendments and remarks for entry of record in the above-identified patent application.

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**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that this document is being filed in the United States Patent and Trademark Office on the date shown below via facsimile transmission to Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 at United States Patent and Trademark Office facsimile transmission number (571) 273-8300.

**Dated:** October 31, 2005  
\_\_\_\_\_  
Leslie S. Szivos, Ph.D.

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